Mathematics

MATH 541  **Functional Analysis**  credit: 4 hours.
Fundamental results in functional analysis; spectral theory of compact operators; further topics chosen by the instructor. Prerequisite: MATH 540.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
</tr>
</thead>
<tbody>
<tr>
<td>38171</td>
<td>Lecture-Discussion</td>
<td>E1</td>
<td>12:00 PM - 12:50 PM</td>
<td>MWF</td>
<td>347 - Altgeld Hall</td>
<td>Junge, M</td>
</tr>
</tbody>
</table>

Students from the following programs must contact the Director of Graduate Studies in Mathematics <rdeville@illinois.edu> to request permission to register for the course: MS:Economics:Policy Econ -UIUC or MS: Financial Engineering.